

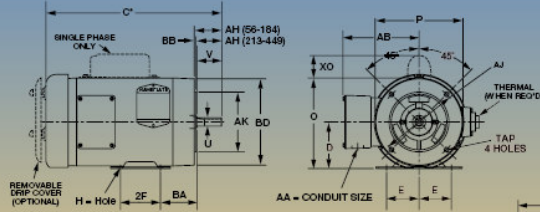
BALDOR

MOTORS • DRIVES • GENERATORS

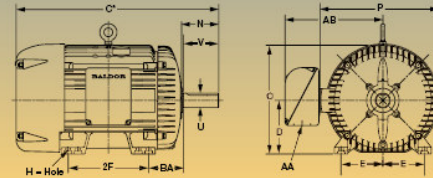
Leader in Energy Efficient
Industrial Electric Motors and Drives



NEMA Shaft			Keyseat Dimensions			NEMA Shaft			Keyseat Dimensions		
(U)	(R)	(S)	(U)	(R)	(S)	(U)	(R)	(S)	(U)	(R)	(S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2						
1/2	29/64	FLAT	2-1/8	1-27/32	1/2						
5/8	39/64	3/16	2-3/8	2-1/4	5/8						
7/8	49/64	3/16	2-1/2	2-3/16	5/8						
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4						
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8						
1-5/8	1-13/32	3/8	3-7/8	3-9/16	1						



Drawings represent standard TEFC general purpose motors
Refer Data Section 502 for various models, OPEN or TEFC
*Dimensions are for reference only.



*Contact your local Baldor office for "C" Dimensions.

Dimensions - N, O, P, AB and XO are specific to Baldor.

NEMA QUICK REFERENCE CHART

NEMA Frame	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP
42	2-5/8	1-3/4	1-11/16	9/32	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3/32	3	2-1/16	1/8	4-5/8	1-9/16	1/4-20
48	3	2-1/8	2-3/4	11/32	1-7/8	6-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3/32	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20
56	3-1/2	2-7/16	3	11/32	2-7/16	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5/78	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16
143T	3-1/2	2-3/4	3	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5/78	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
145T	3-1/2	2-3/4	3	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5/78	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
182	4-1/2	3-3/4	4-1/2	13/32	2-11/16	8-11/16	7-7/8	7/8	2-1/4	3/4	5-7/8	2-1/8	5/78	4-1/2	2-3/4	1/8	6-1/2	2-3/8	3/8-16
184	4-1/2	3-3/4	4-1/2	13/32	2-11/16	8-11/16	7-7/8	7/8	2-1/4	3/4	5-7/8	2-1/8	5/78	4-1/2	2-3/4	1/8	6-1/2	2-3/8	3/8-16
213	5-1/4	4-1/4	5-1/2	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	3-1/2	3-1/2	1/4	9	2-3/4	1/2-13
215	5-1/4	4-1/4	5-1/2	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	3-1/2	3-1/2	1/4	9	2-3/4	1/2-13
219T	5-1/4	4-1/4	5-1/2	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	3-1/2	3-1/2	1/4	9	2-3/4	1/2-13
215T	5-1/4	4-1/4	5-1/2	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	3-1/2	3-1/2	1/4	9	2-3/4	1/2-13
254J	6-1/4	5	6-1/4	17/32	4-1/16	12-7/8	12-15/16	1-3/8	3-3/4	1	9-5/8	3-1/2	7-1/4	3-1/2	4-1/4	1/4	10	-	1/2-13
254U	6-1/4	5	6-1/4	17/32	4-1/16	12-7/8	12-15/16	1-3/8	3-3/4	1	9-5/8	3-1/2	7-1/4	3-1/2	4-1/4	1/4	10	-	1/2-13
256T	6-1/4	5	6-1/4	17/32	4-1/16	12-7/8	12-15/16	1-5/8	4	1	9-5/8	3-1/2	7-1/4	3-1/2	4-1/4	1/4	10	-	1/2-13
284J	7	5-1/2	7	17/32	5-1/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	13-1/8	4-5/8	9	10-1/2	4-3/4	1/4	11-1/4	-	1/2-13
284U	7	5-1/2	7	17/32	5-1/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	13-1/8	4-5/8	9	10-1/2	4-3/4	1/4	11-1/4	-	1/2-13
286T	7	5-1/2	7	17/32	5-1/8	14-5/8	14-5/8	1-7/8	4-5/8	1-1/2	13-1/8	4-3/8	9	10-1/2	4-3/4	1/4	11-1/4	-	1/2-13
284TS	7	5-1/2	7	17/32	5-1/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	13-1/8	4-5/8	9	10-1/2	4-3/4	1/4	11-1/4	-	1/2-13
286TS	7	5-1/2	7	17/32	5-1/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	13-1/8	4-3/8	9	10-1/2	4-3/4	1/4	11-1/4	-	1/2-13
324J	8	6-1/4	8	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	-	5/8-11
324U	8	6-1/4	8	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	-	5/8-11
326T	8	6-1/4	8	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	-	5/8-11
324TS	8	6-1/4	8	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	-	5/8-11
326TS	8	6-1/4	8	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	-	5/8-11
364J	9	7	9	21/32	6-3/4	18-1/2	18-1/4	2-1/8	6-3/8	2-1/2	15-1/16	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	-	5/8-11
364U	9	7	9	21/32	6-3/4	18-1/2	18-1/4	2-1/8	6-3/8	2-1/2	15-1/16	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	-	5/8-11
366T	9	7	9	21/32	6-3/4	18-1/2	18-1/4	2-3/8	6-7/8	2-1/2	15-1/16	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	-	5/8-11
364TS	9	7	9	21/32	6-3/4	18-1/2	18-1/4	2-3/8	6-7/8	2-1/2	15-1/16	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	-	5/8-11
366TS	9	7	9	21/32	6-3/4	18-1/2	18-1/4	2-3/8	6-7/8	2-1/2	15-1/16	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	-	5/8-11
404J	10	8	10	13/16	7-3/16	20-5/16	20-1/8	2-3/8	7-1/8	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	-	5/8-11
404U	10	8	10	13/16	7-3/16	20-5/16	20-1/8	2-3/8	7-1/8	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	-	5/8-11
406T	10	8	10	13/16	7-5/16	20-5/16	20-1/8	2-7/8	7-1/4	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	-	5/8-11
406TS	10	8	10	13/16	7-5/16	20-5/16	20-1/8	2-7/8	7-1/4	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	-	5/8-11
444J	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
444U	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
446T	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
446TS	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
448T	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
448TS	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
449T	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
449TS	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
449T	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11
449TS	11	9	11	13/16	8-5/8	22-7/8	22-3/8	2-7/8	8-5/8	3	21-1/16	8-1/4	14	16	7-1/2	1/4	16-3/4	-	5/8-11

PRINTED WITH
SOY INK



5000 Frame	D	E	2F	H	O	P	U	V	AA	AB	BA
5007S	12-1/2	10	22	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5007L	12-1/2	10	22	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5009S	12-1/2	10	28	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5009L	12-1/2	10	28	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5011S	12-1/2	10	36	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5011L	12-1/2	10	36	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2

NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

NEMA FRAMES PRIOR TO 1985									
Frame	D	E	F	H	V	BA			
00	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4 3-1/8			
00	5	4	3-3/4	2-7/8	3/4	2 3-1/8			
001	5-1/2	4-1/2	3-3/8	3-1/4	1	3 3-1/2			
002	5-1/2	4-1/2	3-3/8	3-1/4	1	3 3-1/2			
004	6-1/4								